## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	0	(sampl\$4 or (a/d) or (analog adj2 digital)) same (select\$4 or switch\$4) with (transmitter) with (receiver) same (filter\$4 or normaliz\$4) same (modulat\$4) same (demodulat\$4).as.	USPAT; USOCR;	OR	ON	2011/09/02 13:28
L9	87	(sampl\$4 or (a/d) or (analog adj2 digital)) same (select\$4 or switch\$4) with (transmit\$5) with (receive\$4) same (filter\$4 or normaliz\$4) same (modulat\$4) same (demodulat\$4) and (@ad<="20030925")	USPAT; USOCR;	OR	ON	2011/09/02 13:29
L15	5	(DAC or (D near2 A) or (digital near2 analog) or (ADC)) with (sampl\$4) same (filer) .clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/02 14:10
S1	6	"572714".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/23 11:08
S2	3	"20030058952"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/23 11:22
<b>S</b> 3	3	"20030058952"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 10:53
S4	0	(plural near FIR near filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/30 10:19
S5	128	(plural\$4 near FIR near filter)	US-PGPUB;	OR	ON	2008/12/30

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			10:19
S6	11	(plural\$4 near FIR near filter) same (modulat\$4 or demodul\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 10:45
S7	11	(plural\$4 near FIR near filter) same (modulat\$4 or demodul\$4) and (@ad<="20060321")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 10:46
<b>S</b> 8	0	(FIR near filter) same (delay near line) same (tap) same (@ad<="20060321")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/30 11:26
S9	0	(FIR near filter) same (delay near line) same (tap) same (@ad<="20060321")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 11:26
S10	0	(FIR near filter) same (delay near2 line) same (tap) same (@ad<="20060321")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 11:26
S11	0	(FIR near filter) same (delay) same (tap) same (@ad<="20060321")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 11:27
S12	18022	(FIR near filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 11:29
S13	4732	(FIR near filter) same (delay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2008/12/30 11:29

			IBM_TDB			
S14	1908	(FIR near filter) same (delay) same (tap)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 11:29
S15	1710	(FIR near filter) same (delay) same (tap) and (@ad<="20060321")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 11:29
S16	458	(FIR near filter) same (delay near line) same (tap) and (@ad<="20060321")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 11:29
S17	175	(FIR near filter) with (delay near line) with (tap) and (@ad<="20060321")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 11:29
S18	0	(FIR near filter) with (delay near line) with ( plural near tap) and (@ad<="20060321")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 11:30
S19	9	(FIR near filter) with (delay near line) with ( plural\$4 near tap) and (@ad<="20060321")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 11:30
S20	39	((DAVID) near2 (MCNEELY)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/30 11:59
S21	74	((DAVID) near2 (MCNEELY)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/30 12:00
S22	11041	(thomson near licensing).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/30 12:00

S23	37	\$21 and \$22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/30 12:00
S24	2	(filter) same (receiver) same (transmitter) same (modualt\$4) and (@ad<="20060321")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/30 12:03
S25	2	(filter) same (receiver) same (transmitter) same (modualt\$4) and (@ad<="20060321")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 12:04
S26	2	(filter) same (receiver) same (transmitter) same2 (modualt\$4) and (@ad<="20060321")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 12:04
S27	2	(filter) same2 (receiver) same (transmitter) same2 (modualt\$4) and (@ad<="20060321")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 12:04
S28	8	(filter) and (receiver) same (transmitter) same2 (modualt\$4) and (@ad<="20060321")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 13:20
S29	1870	375/219.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/30 13:21
S30	3148	375/260.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/30 13:21
S31	1	375/219.ccls. and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	OFF	2008/12/30 13:21

			DERWENT; IBM_TDB			
S32	0	375/260.ccls. and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/30 13:21
S33	25	(filter) same2 (receiver) same (transmitter) and (modualt\$4) and (@ad<="20060321")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 13:23
S34	0	S32 and S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 13:23
S35	1	S31 and S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 13:23
S36	461	(transmit\$4 with receiv\$4) same ((plural\$4 or multipl\$4 or N) with (filter\$4 or normali\$4)) same (modulat\$4 with demodulat\$4) and (@ad<="20060321")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2009/06/24 17:11
S37	13	(transmit\$4 with receiv\$4) same ((plural\$4 or multipl\$4 or N) with (FIR with (filter\$4 or normali\$4))) same (modulat\$4 with demodulat\$4) and (@ad<="20060321")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 17:12
S38	124	(test\$4 with control\$4) same (FIR or (N near3 TAP) with fiter) and (@ad<="20041124")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 09:37
S39	160	((test\$4 or calibrat\$5) with control\$4) same (FIR or (N near3 TAP) with fiter) and (@ad<="20041124")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 09:37
S40	3	((test\$4 or calibrat\$5) with control\$4) same (FIR or (N near3 TAP) with fiter) and ((Serial\$6 with deserial\$6) or	US-PGPUB; USPAT; USOCR;	OR	ON	2009/06/29 09:38

		(serdes))and (@ad<="20041124")	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S41	3	((test\$4 or calibrat\$5) with control\$4) same (FIR or (N near3 TAP) with (fiter or driver)) and ((Serial\$6 with deserial\$6) or (serdes))and (@ad<="20041124")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 09:39
S42	1975	375/219.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 14:20
S43	3637	375/260.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 14:20
S44	40	((DAVID) near2 (MCNEELY)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/01 14:21
S45	0	S44 and S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 14:21
S46	4	S44 and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 14:21
S47	33	(filter) and (receiver) same (transmitter) same2 (modualt\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 14:22
S48	1	S47 and S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 14:22
S49	О	S47 and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2009/07/01 14:22

			DERWENT; IBM_TDB			
S50	993	(transmit\$4 with receiv\$4) same ((plural\$4 or multipl\$4 or N) with (filter\$4 or normali\$4)) same (modulat\$4 with demodulat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 14:22
S51	33	S50 and S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 14:22
S52	39	S50 and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 14:23
S53	126	(transmit\$4 with receiv\$4) same ((plural\$4 or multipl\$4 or N) with (filter\$4 or normali\$4)) same (modulat\$4 with demodulat\$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 14:23
S54	20	S53 and S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2009/07/01 14:23
S55	12	S53 and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 14:23
S56	2	"20040223556"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/28 14:01
S57	35	(transceiver) and (select\$4 or switch\$4 or multiplex\$4) with (transmitter) with (receiver) same (FIR or filter) same (modulat\$4) same (demodulat\$4) and (@ad<="20030925")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/29 11:08
S58	173	(a/d or (analog near2 digital)) same (FIR) same (sampl\$4 near frequency) and (@ad<="20030925")	US-PGPUB; USPAT; USOCR;	OR	ON	2010/05/12 15:22

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S59	67	(a/d or (analog near2 digital)) same (FIR) same (sampl\$4 near frequency) same (lower or higher) and (@ad<="20030925")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/12 15:23
S60	29	(a/d or (analog near2 digital)) same (FIR) with (sampl\$4 near frequency) same (lower or higher) and (@ad<="20030925")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/12 15:23
S61	5	(a/d or (analog near2 digital)) same (FIR) with (sampl\$4 near frequency) with (lower or higher) and (@ad<="20030925")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/12 15:23
S62	29	(a/d or (analog near2 digital)) same (FIR) with ((sampl\$4 or operat\$4) near frequency) same (lower or higher) and (@ad<="20030925")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/12 15:37
S63	0	(DAC or (D adj2 A) or (digital adj2 analog)) with (sampling near frequency) same (filer) with (sampling near frequency) same (higher or lower) and (@ad<="20050925")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/22 11:09
S64	0	(DAC or (D adj2 A) or (digital adj2 analog)) with (sampl\$4) same (filer) with (sampl\$4) same (higher or lower) and (@ad<="20050925")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/22 11:57
S65	1	(DAC or (D adj2 A) or (digital adj2 analog)) with (sampl\$4) same (filer) with (sampl\$4) and (@ad<="20050925")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/22 11:58
S66	2	(DAC or (D adj2 A) or (digital adj2 analog)) with (sampl\$4) same (filer) and (@ad<="20050925")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/22 12:02
S67	17	(DAC or (D adj2 A) or (digital near2	US-PGPUB;	OR	ON	2010/06/25

		analog) or (ADC)) with (sampl\$4) same (filer) and (@ad<="20050925")	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			14:30
S68	40	(DAC or (D near2 A) or (digital near2 analog) or (ADC)) with (sampl\$4) same (filer) and (@ad<="20050925")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/25 14:30
S69	35	(sampl\$4 or (a/d) or (analog adj2 digital)) same (select\$4 or switch\$4) with (transmitter) with (receiver) same (filter\$4 or normaliz\$4) same (modulat\$4) same (demodulat\$4) and (@ad<="20030925")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/31 16:14
S70	5	(sampl\$4 or (a/d) or (analog adj2 digital)) same (select\$4 or switch\$4) with (transmitter) near2 (receiver) same (filter\$4 or normaliz\$4) same (modulat\$4) same (demodulat\$4) and (@ad<="20030925")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/31 16:14
S71	20	("5847602"   "5854971"   "6006075"   "6043707"   "6084468"   "6141541"   "6161024"   "6215988"   "6242975"   "6256482"   "6275103"   "6438360"   "6529716"   "6531917"   "6580901").PN. OR ("7551688").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/31 16:19
S72	105	(sampl\$4 or (a/d) or (analog adj2 digital)) same (select\$4 or switch\$4) with (transmit\$4) with (receiv\$4) same (filter\$4 or normaliz\$4) same (modulat\$4) same (demodulat\$4) and (@ad<="20030925")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/31 16:22
S73	2	"6466613".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/31 16:38
S74	98	("5371548" "6091702" "5524027" "5930687" "5206886" "5228062" "5291289" "5416801" "5483529" "5581578" "5598436" "5602835" "5608764" "5726978" "5732113" "5774450" "5802117" "5812523" "5815488" "5822323" "5825807" "5867478" "5903546" "5917634" "5956642" "5956318" "6005840" "6021165" "6028900" "6038450" "6058121" "6108353" "6148045" "6151369" "6160821" "6169751" "6175550" "6188717" "6192056" "6246735" "6442211" "4884139" "5063574" "5239400" "5282222"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/01 09:52

	"5313169" "5329552" "5345439"		
	"5345440" "5357502" ).pn.		